

Safety Defect and Noncompliance Report Guide for Equipment
PART 573 Defect and Noncompliance Report⁴

On 11/20, ²⁰⁰⁷~~2001~~ InterMotive Vehicle Controls [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. _____) exists in items of motor vehicle equipment listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Date this report was prepared: _____

Furnish the manufacturer's identification code for this recall (if applicable): _____

1. Identify the full corporate name of the fabricating manufacturer/brand name/trademark owner of the recalled item of equipment. If the recalled item of equipment is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

InterMotive, Inc.

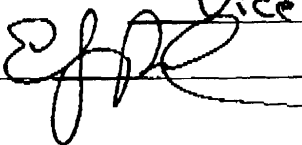
Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Edward J. Prokopik, Vice President

Telephone Number: 530-346-1801 Fax No.: 530-346-1812

Name and Title of Person who prepared this report.

Edward J. Prokopik
Vice President

Signed: 

⁴Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or noncompliance condition which relates to motor vehicle safety.

I. Identify the Recalled Items of Equipment

2. Identify the Items of Equipment Involved in this Recall, for each make and model or applicable item of equipment product line (provide illustrations or photographs as necessary to describe the item of equipment), provide:

Generic name of the item: Intelligent Lift Interlock System

Make: GM/Chevy Model: 2005-2008 C4500-C5500 Diesel

Part Number: ILS605-H3 Size: _____

Function: wheelchair lift interlock

Other information which characterizes/distinguishes the items of equipment to be recalled:

Part # ILS605-H3 Shipped From April 1, 2007 to
October 30, 2007.

Make: _____ Model: _____

Part Number: _____ Size: _____

Function: _____

Other information which characterizes/distinguishes the items of equipment to be recalled:

Make: _____ Model: _____

Part Number: _____ Size: _____

Function: _____

Model Years Involved: _____

Other information which characterizes/distinguishes the items of equipment to be recalled:

Make: _____ Model: _____

Part Number: _____ Size: _____

Function: _____

Other information which characterizes/distinguishes the items of equipment to be recalled:

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Widgets equipped with certain items of equipment from January 1, 1996, through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

II. Identifying the Recall Population

3. Furnish the total number of items of equipment recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number of Items Potentially Involved</u>
<u>ILWIS605H3</u>	<u>2007</u>	<u>250</u>

Total Number Potentially Affected by the Recall: 250

4. Furnish the approximate percentage of the total number of items of equipment estimated to actually contain the defect or noncompliance: 100%

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled items of equipment: From April 1 2007 to October 30 2007, a Protection diode was used. It was found that certain vehicles with aftermarket equipment could generate voltage spikes up to 175V. This diode could withstand up to 100V. Beginning October 30 2007, a larger Transient Voltage Suppressor was used that could withstand those voltages in excess of 175V.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

A diode could fail, which could prevent vehicle interlock operation when a wheelchair lift is deployed.

Describe the cause(s) of the defect or noncompliance condition.

Some vehicles with aftermarket equipment were found to produce voltage spikes up to 175 volts. These spikes could short a diode and prevent the interlock function.

Describe the consequence(s) of the defect or noncompliance condition.

If a diode failed in a shorted condition, the module that controls the vehicle wheelchair lift interlock could be damaged. If this were to occur, the vehicle could be moved with the wheelchair lift deployed.

Identify any warning which can (a) precede or (b) occur.

Vehicle could be shifted out of Park with wheelchair lift deployed.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

There is no actual defect in the part. A larger part had to be specified, due to vehicles that produce abnormal voltage spikes, never seen in R+D.

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

10/24/07 - verified vehicles with no interlock operation.
Tested electrical system found up to 175V spikes.
Found spikes to damage diodes.
10/29/07 - Tested larger TVS diodes and verified they could withstand these abnormal voltages.
10/31/07 - Corrected all stock.

V. Identify the Remedy

8. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

(See Attached) - Inspect vehicle for proper operation.
Remove Diode. Add jumper harness w/ updated TVS diode. Replace module if damaged.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

Larger capacity diode -

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

The diodes were removed and replaced with the larger TVS diode.

VI. Identify the Recall Schedule

Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

An owner notification program was released on November 20, 2007.

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. *A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) for review prior to mailing.*

Note: These documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.